

Safety Data Sheet

Product No. 15705-1SC, 15705-20SC, 15705-5SC, 15707-1CS, 15707-20SC, 15707-5SC, 15708-65SC, 15708-6SC, 15708-85SC, 15708-8SC, 15709-20SC, 15710-20SC

Silver Colloids 20, 40, 60, 80, nm

Issue Date (08-26-15)

Review Date (08-31-17)

Section 1: Product and Company Identification

Product Name: Silver Colloids 20, 40, 60, 80, nm

Synonym: none

Company Name

Ted Pella, Inc., P.O. Box 492477, Redding, CA 96049-2477

Inside USA and Canada 1-800-237-3526 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

Outside USA and Canada 1-530-243-2200 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

CHEMTREC USA and Canada Emergency Contact Number 1-800-424-9300 24 hours a day

CHEMTREC Outside USA and Canada Emergency Contact Number +1-703-741-5970 24 hours a day

Section 2: Hazard Identification

2.1 Classification of substance mixture

This product has no classification under CLP.

Not classified as a hazardous substance.

GHS Pictograms: NA

GHS Categories: NA

2.2 Label elements

Void

Hazard pictograms: NA

Signal Word: NA

Hazard statements: NA

Precautionary statements: NA

2.3 Other hazards

Health Effects:

NFPA Hazard Rating: Health: 1; Fire: 0; Reactivity: 1

HMIS® Hazard Rating: Health: 1; Fire: 0; Reactivity: 1

(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

Results of PBT and vPvB assessment: This product is not classified as a PBT/vPvB substance.

PBT,vPvB: This product is not identified as a PBT/vPvB substance.

Emergency overview

Appearance: Clear-to-yellow liquid (varies with size)

Immediate effects: ND

Potential health effects

Primary Routes of entry: Ingestion, inhalation, skin and eye contact.

Signs and Symptoms of Overexposure: ND

Eyes: May cause irritation.

Skin: May cause irritation.

Ingestion: May be harmful if swallowed.

Inhalation: ND

Chronic Exposure: ND

Chemical Listed As Carcinogen Or Potential Carcinogen: None

See Toxicological Information (Section 11)

Potential environmental effects

See Ecological Information (Section 12)

Section 3: Composition / Information on Ingredients

Principle Component(s) (chemical and common name(s)) (Cas. No)	%	OSHA PEL mg/m³	ACGIH TLV mg/m³	NTP Carcinogen	IARC Carcinogen	OSHA regulated Carcinogen
Mixture	ND	ND	ND	ND	ND	ND

Section 4: First Aid Measures

If accidental overexposure is suspected

Eye(s) Contact: Bathe the eye with running water for 15 minutes.

Skin Contact: Wash immediately with plenty of soap and water.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Note to physician

Treatment: ND

Medical Conditions generally Aggravated by Exposure: ND

Section 5: Fire Fighting Measures

Flash Point: NA

Flammable Limits: NA

Auto-ignition point: NA

Fire Extinguishing Media: Suitable fire extinguishing media should be used.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: NA

Hazardous combustion products: ND

DOT Class: Not regulated.

Section 6: Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled: Use absorbent material and collect into container for disposal.

Personal precautions: Avoid breathing vapors, mist or gas.

Environmental precautions: Do not discharge into drains or rivers.

Waste Disposal Methods: Dispose of waste according to Federal, State and Local Regulations.

Section 7: Handling and Storage

Precautions to be taken in Handling and Storage: Ensure there is sufficient ventilation of the area. Keep container tightly closed. Must be kept in original packaging.

Storage temperature: Store at 2-8°C. **Do not freeze.**

Storage Pressure: NA

For laboratory use only.

**Section 8: Exposure Controls / Personal Protection
Engineering Controls**

Ventilation required: Not required under normal use.

Personal Protection Equipment

Respiratory protection: Not required under normal use.

Protective gloves: Wear protective gloves.

Skin protection: Fully-buttoned laboratory coat.

Eye protection: Safety goggles.

Additional clothing and/or equipment: ND

Exposure Guidelines

See Composition/Information on Ingredients (Section 3)

Section 9 Physical and Chemical Properties

Appearance and Physical State: Clear-to-yellow liquid.

Odor (threshold): ND

Specific Gravity (H₂O=1): ~1

Vapor Pressure (mm Hg): ND

Vapor Density (air=1): ND

Percent Volatile by volume: ND

Evaporation Rate (butyl acetate=1): ND

Boiling Point: ND

Freezing point / melting point: ND

pH: ND

Solubility in Water: Soluble

Molecular Weight: NA

Section 10: Stability and Reactivity

Stability: Stable.

Conditions to Avoid: Freezing

Materials to Avoid (Incompatibility): ND

Hazardous Decomposition Products: ND

Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

Results of component toxicity test performed: ND

Human experience: ND

This product **does not** contain any compounds listed by NTP or IARC or regulated by OSHA as a carcinogen.

Section 12: Ecological Information

Ecological Information: ND

Chemical Fate Information: ND

Section 13 Disposal Considerations

RCRA 40 CFR 261 Classification: ND

Federal, State and local laws governing disposal of materials can differ. Ensure proper disposal compliance with proper authorities before disposal.

Section 14: Transportation Information

US DOT Information: Proper shipping name: Not regulated.

IATA: Proper shipping name: Not regulated.

IMO: Proper shipping name: Not regulated.

Marine Pollutant: No.

Canadian TDG: Not regulated.

Section 15: Regulatory Information

United States Federal Regulations

SDS complies with OSHA's Hazard Communication Rule 29, CFR 1910.1200.

SARA: ND

SARA Title III: None

RCRA: None

TSCA: Components listed in Inventory

CERCLA: ND

State Regulations

California Proposition 65: No

International Regulations

Canada WHMIS: ND

Europe EINECS Numbers: ND

Section 16: Other Information

Label Information: ND

European Risk and Safety Phrases: ND

European symbols needed: ND

Canadian WHMIS Symbols: ND

Abbreviations used in this document

NE= Not established

NA= Not applicable

NIF= No Information Found

ND= No Data

Disclaimer

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